

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

1

CALTRANS DISTRICTS

1 AND 2

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN FOR FISCAL YEAR 2002/2003

Region 1

North Coast Regional

Water Quality Control Board

CTSW-RT-01-075

April 1, 2002



**California Department of
Transportation**

Districts 1 and 2

**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
North Coast Region 1
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation District 1

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

Rick Knapp
District Director

APPROVAL
REGIONAL WORK PLAN
California Regional Water Quality Control Board
North Coast Region 1
Fiscal Year 2002/2003
April 1, 2002

California Department of Transportation District 1

Cheryl Willis	Deputy District Director Planning
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Charlie Fielder	Deputy District Director Program/Project Management
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Martin D. Van Zandt	Deputy District Director Maintenance & Operations
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John Rodrigues	Chief, North Region Construction
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Kome Ajise, AICP	Chief, North Region Environmental
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**CERTIFICATION
REGIONAL WORK PLAN
California Regional Water Quality Control Board
North Coast Region 1
Fiscal Year 2002/2003
April 1, 2002**

California Department of Transportation District 2

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

Brian Crane
Acting District Director

APPROVAL
REGIONAL WORK PLAN
California Regional Water Quality Control Board
North Coast Region 1
Fiscal Year 2002/2003
April 1, 2002

California Department of Transportation District 2

Shirley Choate	Deputy District Director Program/Project Management
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Russell Wenham	Deputy District Director Maintenance & Operations
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Gary Pursell	Acting Deputy District Director Planning
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John Rodrigues	Chief, North Region Construction
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Kome Ajise, AICP	Chief, North Region Environmental
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1.0 Introduction

The purpose of the Regional Work Plans (RWPs) is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2002/2003 as required by the Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on Department facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

2.0 Department Personnel and Responsibilities

Portions of Caltrans Districts 1 and 2 fall within the jurisdiction of the North Coast Regional Water Quality Control Board (NC-RWQCB). Organization charts for Districts 1 and 2 are included in Figures 2-1. Staff responsible for implementing the SWMP within the NC-RWQCB jurisdiction are listed in Table 2-1.

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Kome Ajise	Chief, North Region Environmental	(530) 741-4277	kome_ajise@dot.ca.gov	Oversees all Environmental employees within Districts 1, 2 and 3.
Jeff Pizzi	Chief, North Region Office of Storm Water Management & District 2 NPDES Coordinator	(530) 229-0524	jeff_pizzi@dot.ca.gov	Oversees all NPDES Office employees within Districts 1, 2, & 3.
Sean Penders	North Region Lahontan / Lake Tahoe NPDES Coordinator	(530) 741-4494	sean_penders@dot.ca.gov	Primary contact for all Lahontan/Lake Tahoe storm water issues.
Chris Holm	North Region - District 1 NPDES Coordinator	(707) 445-5310	chris_holm@dot.ca.gov	Primary contact for all District 1 storm water issues.
David Melendrez	North Region - District 1 NPDES Coordinator	(707) 445-5201	david_melendrez@dot.ca.gov	Primary contact for all District 1 storm water issues.
John Holder	North Region - District 3 NPDES Coordinator	(916) 274-5819	john_holder@dot.ca.gov	Primary contact for all District 3 storm water issues.
Wesley Faubel	North Region Project Development Storm Water Coordinator	(530) 741-4270	wesley_faubel@dot.ca.gov	Assists PE, provides guidance on BMP selection and implementation during design, monitors for compliance w/ SWMP.
Dale Sedler	North Region Construction Storm Water Coordinator	(530) 822-4424	dale_sedler@dot.ca.gov	Assists RE, inspects storm water controls on construction sites, reviews SWPPPs/WPCPs.
Bob Fallis	District 1 Maintenance Storm Water Coordinator - Facilities	(707) 445-6625	bob_fallis@dot.ca.gov	Provides guidance on maintenance facilities BMP selection and implementation, monitors for compliance w/ SWMP.

SECTION TWO

Regional Work Plans

Staff	Title	Phone Number	E-Mail Address	Responsibilities
John Bulinski	District 1 Maintenance Storm Water Coordinator - Roadside	(707) 441-2014	John_bulinski@dot.ca.gov	Provides guidance on roadside Maint. BMP selection and implementation, monitors for compliance w/ SWMP.
Mark Harvey	District 2 Maintenance Storm Water Coordinator	(530) 225-2099	mark_harvey@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP.

In compliance with Permit Section M. 10. b, the following individuals/positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s). These individuals/positions may delegate authorization their staff to sign various documents and reports required for implementation of the Storm Water Program.

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

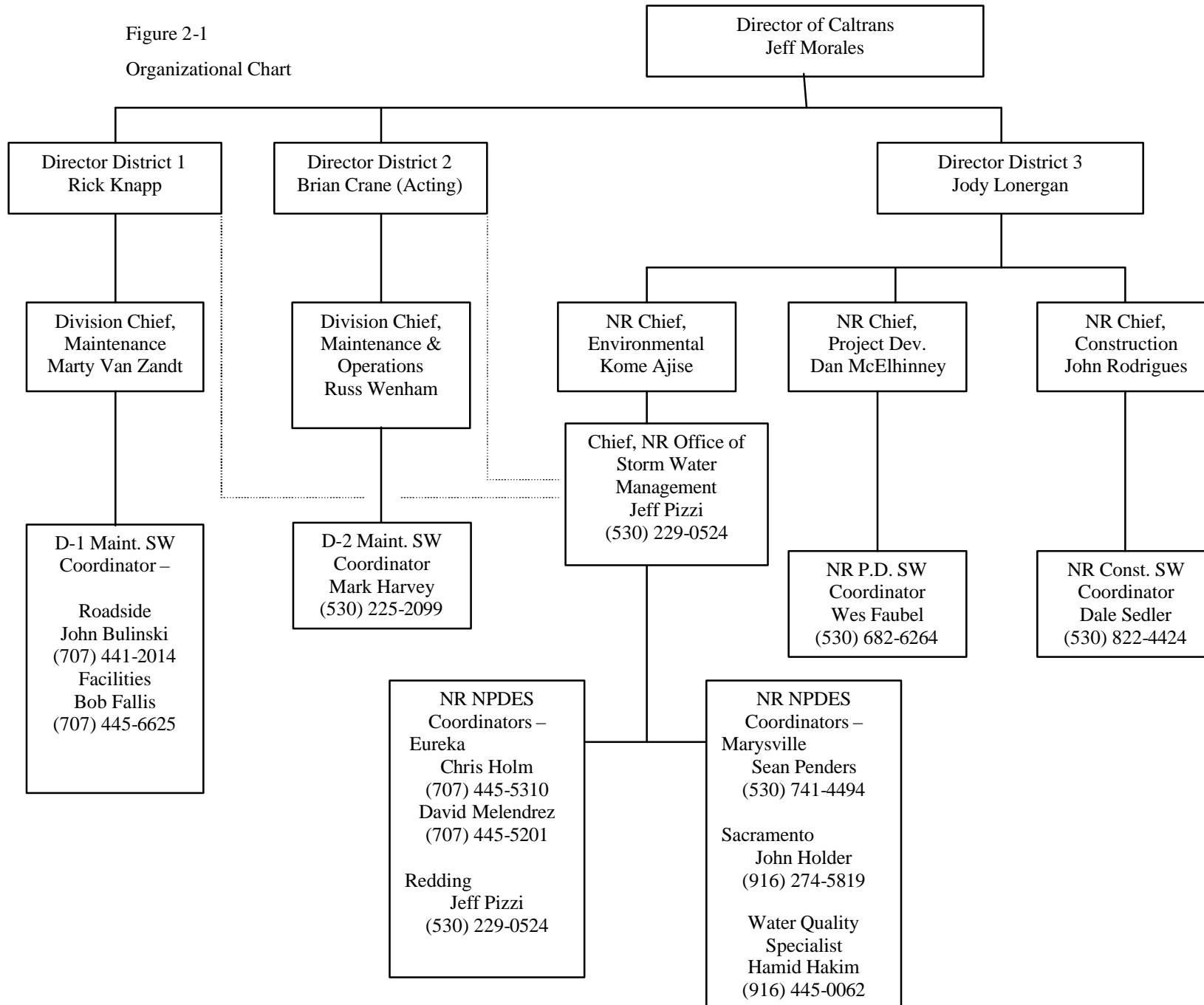
POSITIONS OR INDIVIDUALS	DOCUMENTS AUTHORIZED FOR SIGNATURE
District Director	All District documents.
Deputy District Director, Planning	All Planning related storm water documents or as delegated by the District Director.
Deputy District Director, Program/Project Management	All Program/Project Management related storm water documents or as delegated by the District Director.
Deputy District Director, Maintenance and/or Operations	All Maintenance and/or Operations related storm water documents or as delegated by the District Director.
Chief, NR Environmental	All North Region storm water related documents or as delegated by the District Director.
Chief, NR Construction	All North Region construction related storm water documents or as delegated by the District Director.
Chief, NR Design & Engineering Services	All North Region Design & Engineering Services related storm water documents or as delegated by the District Director.

SECTION TWO

Regional Work Plans

Figure 2-1

Organizational Chart



3.0 District Facilities and Water Bodies

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District boundaries, major roads and highways within the North Coast Regional Water Quality Control Board jurisdiction are presented in the accompanying figures.

TABLE 3-1: DISTRICT 1 FACILITIES

CO	ROUTE	PM	NAME	DESCRIPTION
DISTRICT 1 - MAINTENANCE STATIONS				
DN	101	0.6	Klamath	Leased to Yurok tribe
DN	101	27.0	Crescent City	Highway Maintenance
DN	101	131.7	Redwood Bypass	Sand and Salt Storage
DN	199	28.2	Idlewild	Highway Maintenance
Hum	36	26.2	Bridgeville	Highway Maintenance
Hum	96	0.6	Willow Creek	Highway Maintenance
Hum	96	38.9	Orleans	Highway Maintenance
Hum	101	11.5	Garberville	Highway Maintenance
Hum	101	59.5	Fortuna	Highway Maintenance
Hum	101	77.3	Eureka	District 1 Office
Hum	101	83.4	Eureka	Highway Maintenance
Hum	101	120.8	Orick	District 4 Bridge Crew
Hum	169	31.1	Weitchpec	Leased to Yurok tribe
Hum	299	12.4	Pine Creek	Sand and Salt Storage
Hum	299	34.1	Berry Summit	Sand and Salt Storage
Men	1	20.4	Manchester	Highway Maintenance
Men	1	62.0	Fort Bragg	Highway Maintenance
Men	101	27.4	Ukiah	Highway Maintenance
Men	101	27.4	Ukiah	Highway Maintenance
Men	101	45.9	Willits	Highway Maintenance
Men	101	82.3	Rattlesnake Creek	Sand and Salt Storage
Men	128	28.0	Boonville	Highway Maintenance
Men	271	7.2	Leggett	Highway Maintenance
DISTRICT 1 - VISTA POINTS				
DN	101	13.3	Wilson Creek	Vista Point
DN	101	22.0	Crescent City	Vista Point
Hum	96	8.7	Hoopa	Vista Point
Hum	101	46.7	Greenlaw	Vista Point
Hum	101	73.7	Harold G. Larsen	Vista Point
Hum	101	94.4	McKinleyville	Vista Point
Hum	299	19.5	Lord-Ellis Summit	Vista Point
Hum	299	28.3	Berry Summit	Vista Point
Men	1	25.2		Vista Point
Men	1	49.5	Brewery Gulch	Vista Point
Men	1	50.6	Big River	Vista Point
Men	1	54.9	Caspar Creek	Vista Point

SECTION THREE

Regional Work Plans

CO	ROUTE	PM	NAME	DESCRIPTION
Men	1	74.3		Vista Point
Men	1	81.2	Westport-Union Landing	Vista Point
DISTRICT 1 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
CO	ROUTE	PM	NAME	DESCRIPTION
Hum	101	97.3	Little River	SB
Hum	299	R7.4	Buckhorn	Westbound (WB)
Men	20	28.7	Two Rock	Eastbound (EB)
Men	101	48.7	Willits	Southbound (SB)
DISTRICT 1 - SAFETY ROADSIDE REST AREAS				
Dn	199	33.4	Collier Tunnel	3 mi. S of Oregon State Line
Hum	101	R102 .9	Trinidad	0.5 mi. S of Patricks Point. U.C.
Men	101	58.9	Moss Cove	10.5 mi. S of Laytonville
Men	101	61.8	Irvine Lodge	7.9 mi. S of Laytonville
Men	101	82.5	Empire Camp	2.5 mi. S of Cummings
DISTRICT 1 - PARK AND RIDE FACILITIES				
Hum	101	59.9	Fortuna	SE Corner Kenmar Road Interchange
Hum	101	79.3	Eureka	NW Corner 6th & S Streets
Hum	101	100.7	Trinidad West	NW Corner Trinidad Interchange
Hum	101	100.7	Trinidad East	NE Corner Trinidad Interchange
Hum	101	74.8	Elk River	NW Corner Elk River Interchange
DISTRICT 1 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				

FIGURE 3-1: DISTRICT 1, RWQCB AND H.U. BOUNDARIES

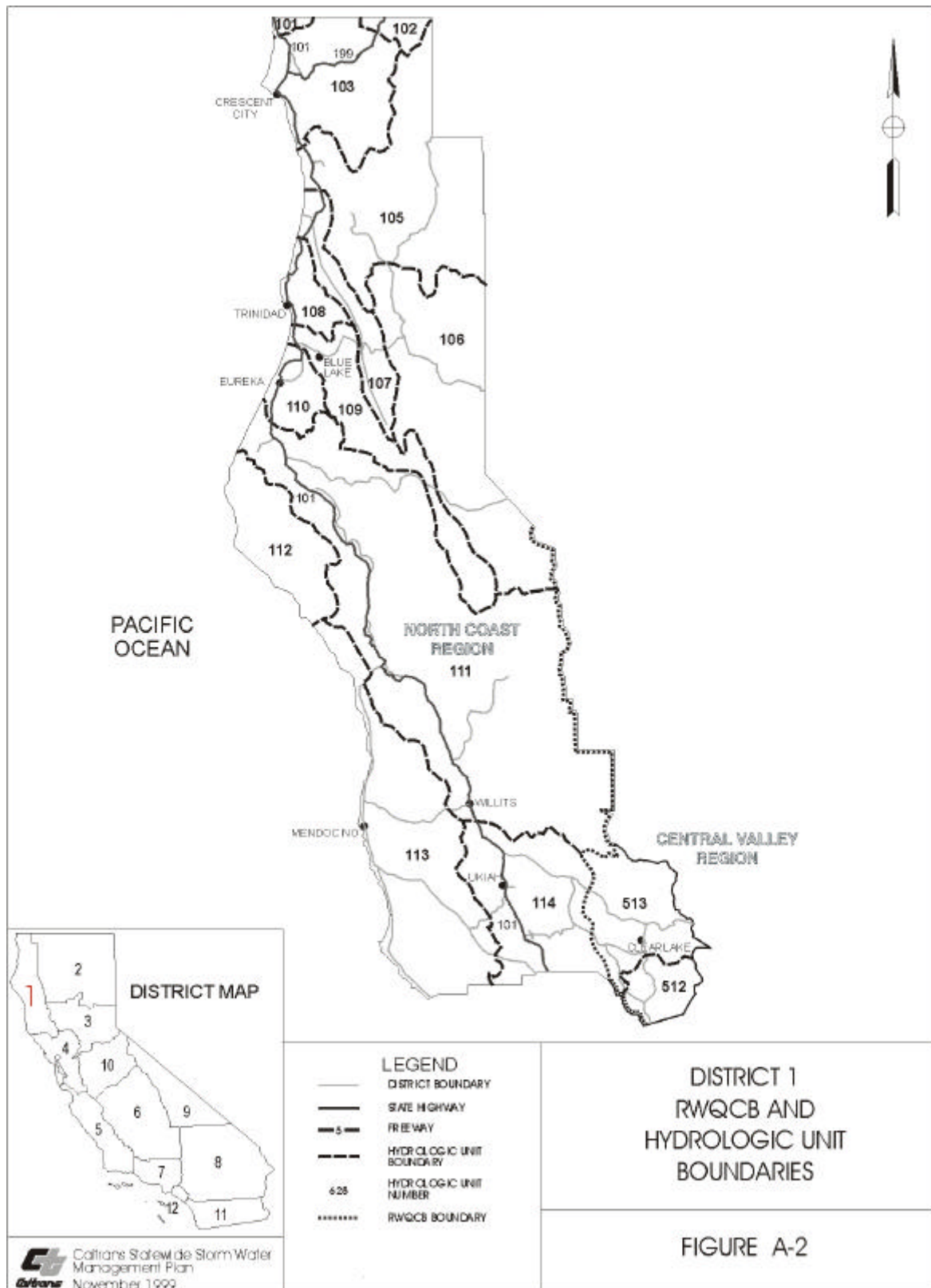
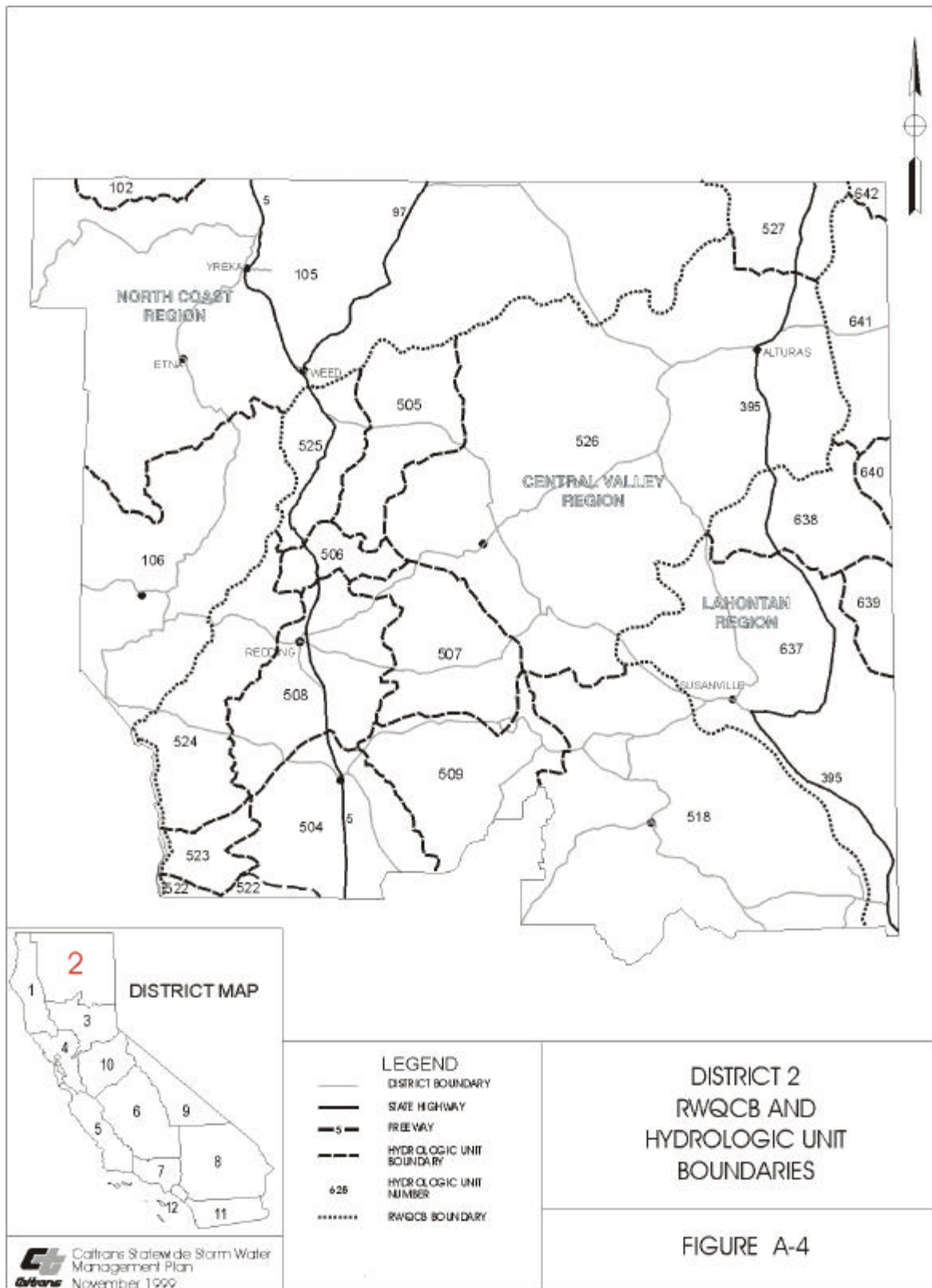


TABLE 3-2: DISTRICT 2 FACILITIES

CO	ROUTE	PM	NAME	DESCRIPTION
DISTRICT 2 - MAINTENANCE STATIONS				
Sis	3	019.7	Etna	Highway Maintenance
Sis	5	20.20	Weed	Sand & Salt Storage
Sis	5	047.4	Yreka	Landscape Maintenance
Sis	5	047.4	Yreka	Highway Maintenance
Sis	5	68.32	Hilt	Sand & Salt Storage
Sis	96	060.8	Seiad Valley	Highway Maintenance
Sis	97	020.2	Grass Lake	Highway Maintenance
Sis	97	49.80	Dorris	Sand & Salt Storage
Tri	3	006.2	Hayfork	Highway Maintenance
Tri	3	059.5	Trinity Center	Highway Maintenance
Tri	299	51.2	Weaverville	Highway Maintenance
Tri	299	51.20	Weaverville	Sand & Salt Storage
Tri	299	69.2	Buckhorn	Highway Maintenance
Tri	299	69.70	Buckhorn	Sand & Salt Storage
DISTRICT 2 - VISTA POINTS				
Sis	5	52.0	Yreka	Vista Point
Sis	97	19.1	Grass Lake	Vista Point
Sis	161	8.8	Lower Klamath Wildlife Refuge	Vista Point
Tri	3	37.9	Trinity Lake (USFS)	Vista Point
Tri	3	62.8	North Shore	Vista Point
DISTRICT 2 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
None.				
DISTRICT 2 - SAFETY ROADSIDE REST AREAS				
Sis	5	R25.6	Weed Airport	6 mi. N of Weed; NB & SB
Sis	5	R58.6	Randolph C. Collier	2.5 mi. N of Route 96
Sis	97	21.8	Grass Lake	19.8 mi. N of Weed
Tri	299	56.9	Moon Lim Lee	5 mi. E of Weaverville
Tri	299	R3.6	Salyer	3 mi. E of Salyer
DISTRICT 2 - PARK AND RIDE FACILITIES				
None.				
DISTRICT 2 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				

FIGURE 3-2: DISTRICT 2, RWQCB AND H.U. BOUNDARIES



Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 High Risk Areas

A list of High-Risk areas within Districts 1 and 2 is presented in Table 4-1. High-Risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the High-Risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of High-Risk municipal and domestic water supply reservoirs and ground water percolation facilities The Department first contacted known public and private water supply providers. From the information received, The Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and a Department facility, use characteristics of the facilities, and the probable spill response time.

The Department shall consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

ROAD SEGMENT	COUNTY	HIGH RISK AREA	DESCRIPTION	COMMENTS
DISTRICT 1				
101 / 42.9	MEN	Chinquapin Lake Intake	Water for Pine Mountain Mutual Water Co.	2 miles to facility. No projects planned in this area
101 / 48.7	MEN	Lake Ada Rosa	Water for Brooktrails Township CSD	2.1 miles to facility. No projects planned in this area
101 / 48.7	MEN	Lake Emily Intake	Water for Brooktrails Township CSD	1.8 miles to facility. No projects planned in this area
101 / 42.8	MEN	Morris Reservoir	Water for City of Willits	0.8 miles to facility. No projects planned in this area
DISTRICT 2				
3 / 54.2	SIS	Lake Shastina - Treatment Plant	Water for City of Montague	No projects planned in this area.
3 / 8.2	TRI	Hayfork - Ewing Reservoir	Water for Trinity Co. W.W. Dist #1	No projects planned in this area.

5.0 Implementation Activities

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and the Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category ¹	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria ²	Approx Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Envir. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	B	36341	DN	101	005.8/007.7	Roadway Rehabilitation & Grade Raise	Klamath River	WPCP/303	< 1 acre	10/98	7/02	10/03	1/04	11/05
2	D	35770	DN	101	09.4/009.7	Raise Grade And Improve Drainage	High Prairie Crk-Trib to Klamath River	SWPPP/303	TBD	3/96	2/02	12/00	2/02	12/02
3	B	32470	DN	101	15.0/015.6	Stabilize Roadway	Near Wilson Creek - No Tributaries	SWPPP	TBD	7/98	5/06	4/08	7/08	8/15
4	A	34571	DN	101	21.6/023.6	Widen And Pave Shoulders	Cushing Creek / Mill Creek	SWPPP	> 1 acre	5/02	1/03	TBD	4/03	8/05
5	D	35500	DN	101	23.9/024.6	Grade Raise	Pacific Ocean	SWPPP	> 1 acre	2/96	2/02	11/02	12/02	12/03
6	D	29313	DN	101	35.8/045.3	Rail Upgrade And Widen	Gilbert Creek; Smith River	401/WPCP	< 1 acre	6/01	10/01	11/02	1/03	11/05
7	A	42710	DN	101	38.5/	New Road Connection	Morrison Creek-Trib to Smith River	WPCP	~ 0.25 acre	7/01	TBD	TBD	TBD	TBD
8	B	34540	DN	101	43.6/045.8	Shoulder Widening And Left-Turn	Gilbert Creek in Project Limits	SWPPP	> 1 acre	9/01	8/03	12/05	2/06	10/07
9	D	31760	DN	101	R27.5/R27.9	Construct Sb On-Ramp And Widen	Tributary to Elk Creek	SWPPP/303	1.65 acres	10/94	9/00	3/02	5/02	1/05
10	B	3634U	DN	101	R4.4/9.4	Rdwy Rehab & Brdg Rail Upgrade & Widen	Klamath River	401/303/SW PPP	> 5 acres	10/98	7/02	4/04	6/04	4/06

SECTION FIVE

Regional Work Plans

No.	SWMP Category ¹	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria ²	Approx Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Envr. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
11	D	31171	DN	169	02.5/002.7	Replace Bridge	Tewer Creek	401/303	TBD	3/99	1/02	6/02	8/02	1/05
12	D	26410	DN	197	05.7/006.0	Repair Embankment And Roadway		WPCP	< 1 acre	8/97	6/01	12/01	1/02	11/02
13	D	40540	DN	199	026.1/026.3	Widen Left Shoulder	N/A	SWPPP	0.3 acres	4/99	9/01	12/01	1/02	1/03
14	B	29314	DN	199	11.0/	Bridge Replacement	Hardscrabble Crk-Trib to M. Fork Smith	401/WPCP	< 1 acre	6/01	2/03	8/03	8/03	1/07
15	C	38470	DN	199	12.8/	Extend RCB And Widen Shoulders	Mary's Creek-Tributary to Smith River	WPCP	< 1 acre	2/98	10/00	7/01	1/02	1/03
16	B	34550	DN	199	22.1/23.6	Widen Roadway		SWPPP	> 1 acre	2/01	11/04	7/07	10/07	11/09
17	B	39950	DN	199	23.6/024.0	Realign Roadway And Construct Viaduct	Smith River	WPCP	< 1 acre	7/99	7/02	1/04	3/04	7/05
18	D	38580	DN	199	26.7/026.9	Curve Improvement		WPCP	< 1 acre	TBD	12/00	5/01	6/01	8/02
19	A	40960	DN	199	27.0/027.4	Curve Realignment	Smith River	SWPPP	TBD	4/02	5/04	6/05	8/05	5/07
20	D	41000	DN	199	07.5/007.6	Curve Realignment With Viaduct	Smith River	WPCP	< 1 acre	7/99	12/01	12/02	1/03	3/04
21	D	42250	DN	101	R2.0/37.4	Culvert Rehabilitation		WPCP	TBD	12/00	7/02	12/02	1/03	12/03
22	B	43170	HUM	101	2.3/66.3	Culvert Rehabilitation	Eel River	WPCP/303	TBD	5/01	10/03	6/04	1/05	9/05
23	B	43050	HUM	169	22.9/33.6	Curve Improvement / Widen	Klamath River	SWPPP/303	> 1 acre	4/01	11/03	8/04	10/04	2/06

SECTION FIVE

Regional Work Plans

No.	SWMP Category ¹	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria ²	Approx Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Envr. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
24	D	42390	HUM	299	R20.8/R21.0	Repair Slipout	Redwood Creek	WPCP/303	< 1 acre	8/00	12/01	10/02	10/02	9/03
25	D	42270	HUM	036	001.8/039.3	Culvert Rehabilitation	Van Duzen River and Burr Creek	WPCP/303	< 1 acre	6/00	10/01	10/02	12/02	9/03
26	B	32330	HUM	036	005.8/007.6	Widen Shoulders	Tributary to Van Duzen River	SWPPP/303	6.53 acres	10/98	7/02	2/04	9/04	6/05
27	D	42170	HUM	036	022.4/022.6	Adjust Profile Grade & Replace Culvert	Van Duzen River	WPCP/303	< 1 acre	TBD	9/01	3/02	7/02	5/03
28	D	38810	HUM	036	025.5/025.9	Stabilize Roadway	Little Larabee Creek-Trib to Eel River	WPCP/303	0.81 acres	4/98	6/00	6/01	7/01	1/02
29	D	40480	HUM	101	002.4/065.3	Culvert Rehabilitation		WPCP	TBD	4/99	12/00	10/01	12/01	2/03
30	C	38851	HUM	101	022.9/042.1	Restore Roadway		SWPPP	TBD	4/98	9/98	7/99	8/99	1/02
31	B	36310	HUM	101	035.8/R039.2	Roadway Rehabilitation	Tributary to So. Fork of Eel River	WPCP/303	< 1 acre	10/98	10/02	10/03	1/04	11/04
32	D	31440	HUM	101	056.5/057.2	Bridge Replacement; Left (Scour)	Van Duzen River	401/SWPPP/303	5.37 acres	9/97	10/01	8/02	12/02	12/04
33	B	29030	HUM	101	057.0/058.8	Const Interchange & Frt Rds 36/101	Tributary to Van Duzen & Eel Rivers	SWPPP	30.6 acres	7/98	7/02	10/03	11/04	1/07
34	D	40270	HUM	101	060.5/063.1	Concrete Median Barrier	Eel River	WPCP/303	TBD	9/00	9/00	4/01	5/01	12/02
35	D	29470	HUM	101	075.7/076.0	Widening Existing Highway	Humboldt Bay	WPCP	< 1 acre	TBD	4/99	3/00	5/00	9/02

SECTION FIVE

Regional Work Plans

No.	SWMP Category ¹	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria ²	Approx Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Envr. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
36	B	33045	HUM	101	078.9/079.6	Realign, Channelize & Signals	Humboldt Bay	WPCP	<1 acre	9/99	2/02	9/03	11/03	10/05
37	D	40610	HUM	101	079.7/	Replace Concrete Expansion Dams	Eureka Slough	401/WPCP	< 1 acre	TBD	9/01	10/01	11/01	10/02
38	B	36600	HUM	101	079.8/085.8	Eureka/Arca ta Corridor Improvement	Jacoby Creek; Humboldt Bay	SWPPP	~ 20 acres	9/00	1/06	4/10	9/10	10/13
39	B	29610	HUM	101	089.1/090.8	Replace N/B & S/B Brs (Scour)	Mad River	401/SWPPP /303	> 1 acre	10/98	10/02	1/05	4/05	1/09
40	B	42420	HUM	101	109.5/112.5	Curve Improvement And Shldr Widening	Big Lagoon	SWPPP	> 1 acre	8/01	7/04	10/05	1/06	11/07
41	D	38160	HUM	101	111.4/111.8	Realign Roadway	Big Lagoon	SWPPP	> 1 acre	7/01	6/02	7/01	6/02	8/03
42	D	40481	HUM	101	R040.6/	Culvert Rehabilitation	Tributary to Chadd Creek	SWPPP/303	1 ac < # < 5 ac	4/99	12/01	5/02	7/02	7/02
43	D	42280	HUM	101	R102.1/R10 2.2	Remove Slide And Place Buttress		SWPPP	~ 2.5 acres	9/00	2/02	11/02	12/02	12/03
44	D	29670	HUM	255	000.2/001.9	Seismic Retrofit - Phase 2	Humboldt Bay	401/SWPPP	> 1 acre	1/97	8/01	12/01	2/02	12/04
45	D	31040	HUM	283	000.1/000.4	Rehabilitate Existing Bridge	Eel River	401/WPCP/ 303	< 1 acre	7/98	10/98	4/01	5/01	4/03
46	D	39590	HUM	299	002.2/040.7	Rehabilitate Culverts	Mad River, Redwood Creek	WPCP/303	TBD	TBD	6/00	3/01	5/01	11/02

SECTION FIVE

Regional Work Plans

No.	SWMP Category ¹	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria ²	Approx Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Envr. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
47	D	31050	HUM	299	033.2/035.6	Rail Upgrade, Widen & Scour	Willow Creek	401/SWPPP /303	~ 1.7 acres	10/97	9/00	2/02	4/02	1/04
48	D	42540	HUM	299	033.9/034.5	Widen Shoulders	Willow Creek	SWPPP	TBD	9/00	2/02	1/03	2/03	10/04
49	D	41860	HUM	299	039.2/039.5	Widen Shlder, Replace/Mo dify Drainage	Tributary to Trinity River	SWPPP/303	~ 0.5 acres	2/00	3/01	12/01	1/02	12/02
50	D	29320	HUM	299	R001.5/R00 1.7	Rail Upgrade And Widen	Mad River	401/303	~ 0.3 acres	10/97	7/01	1/02	2/02	2/04
51	D	38180	HUM	299	R029.1/	Construct Sand House	Willow Creek	SWPPP/303	TBD	2/98	10/01	11/02	12/02	2/04
52	C	33030	HUM	L57	8-/	Rehabilitatio n Maintenance Station	Humboldt Bay	WPCP	< 1 acre	10/98	12/00	1/02	3/02	9/03
53	C	37801	MEN	1	59.9/60.6	Seismic Retrofit (Bridge Replacemen t)	Noyo River, Pacific Ocean	SWPPP/401 /303	1.1 acres	1/99	6/01	9/01	4/02	10/05
54	B	29770	MEN	20	33.3/R37.9	Roadway Rehabilitatio n	Near Russian River - No Tributaries	SWPPP/303	> 1 acre	6/01	12/02	TBD	2/04	TBD
55	B	39750	MEN	101	R90.4/R101. 1	Realign Roadway	South Fork Eel River	SWPPP/303	> 5 acres	5/00	1/05	7/00	1/05	1/09
56	D	29170	MEN	001	003.7/010.1	Construct Tie Back Wall & Viaduct		SWPPP	> 1 acre	12/97	9/00	5/02	7/02	12/03
57	B	30790	MEN	001	010.7/011.3	Realign Highway	Pacific Ocean	SWPPP	> 1 acre	10/98	7/03	1/04	3/04	1/05
58	B	31010	MEN	001	033.0/034.0	Replace Bridge	Greenwood Creek	401/SWPPP	2.71 acres	10/97	5/02	9/03	11/03	11/05

SECTION FIVE

Regional Work Plans

No.	SWMP Category ¹	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria ²	Approx Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
59	B	29171	MEN	001	038.0/038.2	Construct Tie-Back Retaining Wall		WPCP	< 1acre	9/99	10/03	1/04	3/04	1/06
60	D	37481	MEN	001	050.2/050.3	Remove And Dispose Of Piles		WPCP	< 1 acre	4/00	10/01	10/02	12/02	12/03
61	B	38570	MEN	001	069.4/070.1	Replace Bridge	Ten Mile River	401/SWPPP /303	TBD	9/99	7/02	5/04	9/04	1/06
62	A	42560	MEN	001	074.1/	Construct Coastal Access Facilities		SWPPP	TBD	TBD	12/02	7/03	8/03	4/04
63	B	29200	MEN	020	001.0/002.1	Construct 2-Way Left Turn Lane		SWPPP	16.3 acres	7/01	4/03	1/06	3/06	8/08
64	D	40180	MEN	020	017.6/031.8	Culvert Rehabilitation	Broadus Creek, Trib to James Crk	WPCP	0.1 acre	3/99	9/00	11/01	11/01	10/02
65	B	41180	MEN	020	026.2/026.8	Realignment		SWPPP	TBD	9/01	4/03	1/04	4/04	TBD
66	B	36430	MEN	020	4.4/R32.8	Culvert Rehabilitation	77 sites- Noyo, Big Rivers; Outlet Crk	WPCP/303	TBD	5/98	7/02	1/04	4/04	11/05
67	D	30170	MEN	101	005.7/009.2	Construct 4 Lane Expressway	Russian River	SWPPP/303	> 5 acres	7/96	7/98	10/00	4/01	TBD
68	B	2921U	MEN	101	008.8/017.6	4 Lane Freeway/Expressway	Russian River	SWPPP/303	> 100 acres	TBD	1/05	5/08	7/08	12/11
69	B	29301	MEN	101	010.2/011.2	Rail Upgrade And Widen (Scour)	Feliz Creek-Tributary to Russian River	SWPPP/401 /303	> 1 acre	10/98	4/02	9/03	11/03	11/05
70	D	29350	MEN	101	037.6/039.6	Curve Realignment	Forsythe Creek	SWPPP/303	25-50 acres	9/91	10/97	12/99	1/00	7/02

SECTION FIVE

Regional Work Plans

No.	SWMP Category ¹	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria ²	Approx Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
71	B	41070	MEN	101	037.9/038.3	Curve Realignment	Baechtel Creek-Tributary to Eel River	SWPPP/303	TBD	8/00	10/02	9/03	10/03	2/04
72	B	41300	MEN	101	039.4/040.5	Curve Improvement	Tributary to Forsythe Creek	SWPPP/303	25-50 acres	1/02	TBD	TBD	TBD	TBD
73	B	42930	MEN	101	069.3/069.7	Curve Improvement	Tenmile Creek-Tributary to Eel River	WPCP/303	< 1 acre	1/02	2/04	7/04	7/04	6/05
74	A	42290	MEN	101	093.1/093.6	Curve Imprvmnt/Widen Shldr/OGA C	Eel River	SWPPP	> 1 acre	2/02	11/03	8/06	11/06	5/08
75	D	41050	MEN	101	096.5/097.0	Curve Realignment	Dora Creek-Tributary to Eel River	WPCP/303	< 1 acre	8/99	1/02	12/02	1/03	1/04
76	B	36290	MEN	101	9.2/ 21.1	Roadway Rehabilitation		SWPPP	> 10 acres	8/01	7/04	7/02	7/04	7/06
77	D	41220	MEN	101	R083.9/	Repair Culvert & Place Scour Protection	Rattlesnake Creek	401/WPCP	< 1 acre	10/99	12/01	9/02	11/02	TBD
78	C	29830	MEN	101	R19.5/R31.0	Roadway Rehabilitation (Ramps)	Tributary to Russian River	SWPPP/303	> 1 acre	4/97	4/97	12/01	3/02	TBD
79	B	39751	MEN	101	R98.5/R100.9	Realign Roadway		SWPPP	> 1 acre	6/01	7/05	7/07	8/07	10/10
80	B	26200	MEN	101	T043.5/051.3	Construct 4-Lane Fwy (Willits Bypass)		SWPPP	> 100 acres	9/89	6/03	4/05	4/05	7/05
81	B	37810	MEN	128	0.0/50.1	Rehabilitate Culverts		WPCP	TBD	10/98	7/03	9/05	10/05	9/08

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Regional Work Plans

No.	SWMP Category ¹	EA #	Co.	Route	Post Mile	Description	Water Bodies Affected	Criteria ²	Approx Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
82	D	36500	MEN	128	028.3/	Bridge Replacement (Scour)	Anderson Creek-Trib to Navarro River	401/303/SW PPP	4.94 acres	9/97	2/02	10/02	1/03	11/04
83	D	41820	MEN	128	039.9/040.0	Repair Culvert	John Hat Creek-Trib to Bebee Creek	WPCP/303	<< 1 acre	8/00	10/01	10/02	12/02	12/03
84	C	36240	MEN	128	043.4/	Replace Bridge (Scour)	Dry Creek-Tributary to Russian River	401/SWPPP /303	TBD	8/97	9/00	2/03	7/03	12/04
85	D	40730	MEN	162	005.7/005.8	Repair Slipout	Bloody Run Creek	WPCP	< 1 acre	5/99	9/00	2/01	4/01	1/03
86	D	40660	MEN	162	006.9/007.0	Construct Stabilization Trench	Near Outlet Creek-Tributary to Eel R.	401/303	0.36 acres	N/A	8/01	1/02	2/02	1/03
87	D	43150	MEN	175	2.0/2.3	Curve Improvement	Russian River	SWPPP/303	TBD	TBD	2/02	12/02	1/03	11/03
88	B	38050	MEN	222	001.0/	Replace Bridge (Scour)	Russian River	401/303	TBD	8/00	11/03	4/05	5/05	5/07
89	D	3116U	MEN	253	000.5/003.5	Upgrade Rail, Widen & Scour	Soda Creek/Outlet Creek	401/303	0.99 / 1.41 acres	10/97	5/02	7/02	9/02	10/02
90	D	40820	MEN	271	000.5/020.4	Rehabilitate Culverts		WPCP	TBD	6/99	11/01	6/02	8/02	8/03
91	D	32790	MEN	L57	8-/	Construct Building And Fuel Island	Eel River	WPCP/303	< 1 acre	TBD	10/99	1/01	3/01	6/03
92	D	37560	VAR	C09	9-VAR/	Rehabilitate Roadside Rest Areas		SWPPP	TBD	10/98	10/01	1/03	3/03	12/03

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
1	C	34350	SIS	96	61.2/	REPLACE CULVERT W/BRIDGE - Walker Creek	Walker Cr	SWPPP/401	0.5	5/98	9/01	1/02	3/04	1/03
2	C	34710	SIS	96	65.4/	REPLACE CULVERT W/BRIDGE - O'Neil Creek	O'Neil Cr	SWPPP/401	0.2	5/98	9/01	1/03	3/05	1/04
3	B	29770	SIS	97	R27.6/R34.4	PASSING LANE - MT HEBRON		SWPPP	TBD	7/01	TBD	TBD	TBD	TBD
4	D	35190	SIS	3	031.2/031.7	CORRECT SCOUR, REHAB APPROACHES	Kidder Cr, Scott River	401	8.0	10/98	3/01	10/01	12/01	11/02
5	D	35200	SIS	96	023.1/023.4	REPLACE BRIDGE (SCOUR)	Swiliup Cr	401	TBD	11/98	10/01	12/01	1/02	9/02
6	C	28790	SIS	97	049.3/051.9	CONST 2 LANE EXPRESSWAY		SWPPP	130.0	6/97	12/01	7/03	1/04	6/06
7	B	35990	SIS	265 / 97	19.801/20.328	WEED - ROADWAY REHAB	Log Cr	SWPPP/401	>1	9/01	TBD	TBD	TBD	TBD

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Regional Work Plans

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
9	B	37800	TRI	3	43.93/53.69	STUART FORK AND EAST FORK STUART CREEK BRIDGE - BRIDGE RAIL, SCOUR, AND SEISMIC	Stuart Cr, East Fork Stuart Cr	401	TBD	10/01	TBD	TBD	TBD	TBD
10	B	37430	TRI	299	23.29/23.3	BIG FRENCH CREEK BRIDGE - WIDEN WITH NEW RAIL POSSIBLE REPLACEMENT	Big French Creek	401	TBD	9/01	TBD	TBD	TBD	TBD
		32550	TRI	299	47.6/48.6	REALIGN ROADWAY		SWPPP	>5	10/97	3/01	1/01	2/02	11/02
11	B	38853	TRI	299	55.6/57.7	ROCKY POINT PASSING LANES		SWPPP	TBD	11/00	TBD	TBD	TBD	TBD
12	B	38460	TRI	299	69.5/70.5	PASSING LANES - SAND HOUSE CURVE		SWPPP	TBD	7/01	TBD	TBD	TBD	TBD
13	B	38440	TRI	299	69.6/69.9	SAND HILL PASSING LANE		SWPPP	TBD	9/01	TBD	TBD	TBD	TBD
14	D	36410	TRI	3	006.5/000.0	REPLACE BRIDGE (SCOUR)	Hayfork Cr	401	TBD	8/99	8/02	12/02	2/03	12/04

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Regional Work Plans

No.	SWMP Category	EA #	Co.	Route	PM	Description	Water Bodies Affected	Criteria*	Land Disturbance Acreage	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PA&ED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
15	D	28820	TRI	299	026.7/030.1	CONST EB & WB PASSING LANES		SWPPP	TBD	6/93	9/02	12/02	1/03	12/03
16	D	32550	TRI	299	047.9/48.4	CURVE CORRECTION		SWPPP	TBD	10/97	3/01	1/01	2/02	11/02
17	D	35480	TRI	299	051.9/052.4	WIDEN SHOULDER S		SWPPP	TBD	11/99	4/02	12/02	2/03	1/04
18	B	28853	TRI	299	055.6/057.7	CONST. EB & WB PASSING LANES		SWPPP	TBD	11/00	8/03	5/04	7/04	5/05
19	B	27031	TRI	299	072.0/072.2	UPPER BUCKHORN REALIGNMENT	Grass Valley Cr	SWPPP	>1	11/98	7/05	6/06	12/06	8/08
20	D	34160	TRI	299	L5733	REHAB MAINT. STATION		WPCP	>5		4/99	2/01	4/01	12/02
21	D	36500	TRI	299	3.4/3.7	IMP RD CONN - Salyer SRRA		SWPPP	TBD	7/99	9/01	11/01	12/01	11/02

TABLE 5-1 LEGEND

(1) SWMP Category

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

(A) Beginning of Project Development Process prior to approval of the PSR

(B) PSR approved but Environmental Documents not Final

(C) Environmental Documents final

(C) Environmental Documents final, design complete and project in the construction phase of project delivery

(2) CRITERIA

SWPPP=greater than 5 acres of land disturbance (1 acre after March 2003)

303d = 303(d) listed

401 = 401 Cert,

SEP= Supplemental Environmental Project

Retro=Storm Water Retrofit Project (SWMP 4.4.2)

LT= Lahontal RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

HR = High Risk Area Present

RB = RWQCB designated projects posing a threat to water quality

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

DISTRICT 1

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
			None that require 401 certification.				
Maintenance Facility and Activity Inspections							
Four of twenty Maintenance Facilities in District 1 are scheduled for annual inspections by the District Storm Water Coordinator.							
Maintenance Facility BMP Improvements							
BMP improvements will be initiated when facility inspections indicate that improvements are necessary to comply with the Statewide Permit.							
Maintenance BMP Actions/Modifications							
Sweeper waste disposal - Several disposal sites are used for sweeper waste. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events							
Vactor waste disposal - Several disposal sites are used for vactor waste. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events.							
Road Grinding Reuse - Road grindings reused by the Department will not be placed where they may migrate to surface waters. In general, grindings will be kept at least 100 feet from waterways and will be placed and compacted to create a stable surface. If grindings are transferred to third parties, the RWQCB will be notified and guidance on placement and compaction will be provided.							
Vegetation Management and Vegetated Slope Management							
<p>The District 1 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program <p>Districts will provide the VCP for FY 02/03 to the RWQCB by May 15, 2002.</p>							

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Vegetated Slope Evaluation: District 1					
County	Route	PM	Inspection Schedule	Remediation Action Planned	
Mendocino	1	21.12/42.23	FY 02/03	TBD	TBD
	20	8.82/17.64	FY 02/03	TBD	TBD
	101	21.14/42.28	FY 02/03	TBD	TBD
	128	10.18/20.36	FY 02/03	TBD	TBD
	162	11.86/23.73	FY 02/03	TBD	TBD
	175	0.00/9.85	FY 02/03	TBD	TBD
Humboldt	36	9.14/18.27	FY 02/03	TBD	TBD
	96	9/17.99	FY 02/03	TBD	TBD
	101	27.43/54.86	FY 02/03	TBD	TBD
	211	0.00/6.34	FY 02/03	TBD	TBD
	254	6.32/12.64	FY 02/03	TBD	TBD
	299	8.43/16.86	FY 02/03	TBD	TBD
Del Norte	101	9.08/18.16	FY 02/03	TBD	TBD
	197	0.00/7.08	FY 02/03	TBD	TBD
	199	7.28/14.56	FY 02/03	TBD	TBD

SECTION FIVE

Regional Work Plans

DISTRICT 2

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
			None that require 401 certification				
Maintenance Facility and Activity Inspections							
All Maintenance Facilities within Region 1 are tentatively scheduled for inspection in the 2002/2003 fiscal year.							
Maintenance Facility BMP Improvements							
Implementation of BMPs at sand storage sites will be improved. Other BMP improvements will be initiated when facility inspections indicate that improvements are necessary to comply with the Statewide Permit.							
Maintenance BMP Actions/Modifications							
Vactor waste disposal - Several disposal sites are used for vactor waste. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events.							
Road Grinding Reuse - Road grindings reused by the Department will not be placed where they may migrate to surface waters. In general, grindings will be kept at least 100 feet from waterways and will be placed and compacted to create a stable surface.							
Vegetation Management and Vegetated Slope Management							
<p>The District 2 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program <p>Districts will provide the VCP for FY 02/03 to the RWQCB by May 15, 2002.</p>							
Vegetated Slope Evaluation: District 2							
County	Route	PM	Inspection Schedule	Remediation Action Planned			
TRI	299	25.8/72.3	FY 02/03	TBD	TBD		
TRI	36	0/28.7	FY 02/03	TBD	TBD		

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County	Route	PM	Inspection Schedule	Remediation Action Planned	
TRI	3	0/30.9	FY 02/03	TBD	TBD
TRI	36	28.7/41.1	FY 02/03	TBD	TBD

(1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

(2) Criteria

- SWPPP = Greater than 5 acres of land disturbance
- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

DISTRICT 1

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 001/002.
There are no active monitoring sites currently located in District 1 within Region 1.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the Annual Report.
Training and Public Outreach
Project Planning and Design Guide (PPDG) and Erosion Control training will be conducted. Maintenance storm water training will be conducted “down” to the lead worker level. BMP implementation “tailgate” meetings are conducted every 10 days. Caltrans will work cooperatively with the Associated General Contractors (AGS) to provide a variety of storm water training subjects to contractors. Some Caltrans storm water training classes will be available for participation by local agencies.
Municipal Coordination
Meetings will be scheduled and conducted as necessary to implement and coordinate Phase II requirements with newly permitted and existing MS4 permittees. Coordination is an ongoing process for projects that involve or require local agency participation. Some Caltrans storm water training classes will be available for participation by local agencies.

DISTRICT 2

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 001/002.
There are no monitoring sites currently located in District 2 within Region 1.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
Project Planning and Design Guide (PPDG) and Erosion Control training will be conducted.. Caltrans will work cooperatively with the Associated General Contractors (AGS) to provide a variety of storm water training subjects to contractors. Some Caltrans storm water training classes will be available for participation by local agencies.
Municipal Coordination
Meetings will be scheduled and conducted as necessary to implement and coordinate Phase II requirements with newly permitted and existing MS4 permittees. Coordination is an ongoing process for projects that involve or require local agency participation. Some Caltrans storm water training classes will be available for participation by local agencies.

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

1

CALTRANS DISTRICT

4

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

STORM WATER

MANAGEMENT PROGRAM

REGIONAL WORK PLAN

FOR FISCAL YEAR 2002/2003

REGION 1

**[NCRWQCB] North Coast Regional
Water Quality Control Board**

CTSW-RT-01-075

April 1, 2002



California Department

of Transportation

District 4

DISTRICT 4

REGIONAL WORK PLAN



PREPARED BY:

CALIFORNIA DEPARTMENT OF TRANSPORTATION

DISTRICT 04

DISTRICT STORM WATER PROGRAM

STORM WATER MANAGEMENT COMMITTEE

111 GRAND AVENUE

OAKLAND, CALIFORNIA



April 2002

APRIL 2002 REGIONAL WORK PLAN

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National Pollutant Discharge Elimination System

Permit No. CAS000003

Order No. 99-06-DWQ

California Department of Transportation

District 04

Regional Work Plan

**CERTIFICATION
REGIONAL WORK PLAN
North Coast Regional Water Quality Control Board
[NCRWQCB] Region 1
Fiscal Year 2002/2003
April 1, 2002**

CALIFORNIA DEPARTMENT OF TRANSPORTATION DISTRICT 4

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

ANDREW FREMIER
Storm Water Program Manager
Caltrans District 4

Date: _____

SECTION **ONE**

REGIONAL WORK PLANS

1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) are to describe how Caltrans Districts will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2002/03 as required by the Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on Department facilities, water bodies, Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

SECTION TWO PLANS

REGIONAL WORK

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of Caltrans District 4 fall within the jurisdiction of the San Francisco Bay Regional Water Quality Control Board and includes portions of Central Coast, Central Valley, and North Coast Regional Water Quality Control Boards. Staff responsible for implementing the SWMP within District 4 are listed in Table 2-1, and their responsibilities are explained in the following paragraphs.

TABLE 2-1: CALTRANS STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address
Andrew Fremier	Storm Water Program Manager	510-286-5896	Andrew_Fremier@dot.ca.gov
Michael Flake*	District Storm Water Coordinator	510-286-5664	Mike_Flake@dot.ca.gov
Tim Mehta	Environmental Engineering Coordinator	510-286-6269	Tim_Mehta@dot.ca.gov
Larry Hammond	District Maintenance Storm Water Coordinator	510-286-5215	Lawrence_Hammond@dot.ca.gov
Frank Gorham	District Storm Water Construction Coordinator	925-942-6012	Frank_Gorham@dot.ca.gov
David Yam	Landscape Architecture Coordinator	510-286-5925	David_Yam@dot.ca.gov
Shirly Parker	Right-of-Way Coordinator	510-286-5322	Shirly_Parker@dot.ca.gov
Allen Baradar	Toll Bridge Coordinator	510-286-5636	Allen_Baradar@dot.ca.gov
Sharon Patch	Hydraulics Representative	510-286-4862	Sharon_Patch@dot.ca.gov
Greg Ratliff	Public Affairs Representative	510-286-5820	Gregory_Ratliff@dot.ca.gov
Thomas Franklin	Permits Coordinator	510-286-4424	Thomas_Franklin@dot.ca.gov

* Michael Flake is the designated primary contact.

The duties and responsibilities associated with the Storm Water Program Manager and each of the storm water coordinators (coordinators) and storm water representatives (representatives), including the functional units they represent are as follows:

District Program Manager

The Storm Water Program Manager is a District executive level manager in charge of all storm water activities in the District. The Manager is accountable for establishing an effective storm water program and maintaining a liaison with Headquarters and other District Program Managers (Division Chiefs) for the purpose of effective communication, collaboration, and coordination of storm water activities. The Program Manager provides support, direction, and guidance to the District Storm Water Coordinator (DSWC).

The responsibilities of the District Storm Water Program Manager are as follows:

- Direct District operations regarding storm water.
- Align District efforts to achieve compliance with the NPDES permit.
- Be the ultimate signatory authority in the District for all compliance documents and commitments regarding storm water management.

Although, the District Division Chiefs (DDC) for Construction has been designated as the District Storm Water Program Manager, the storm water responsibilities are in excess and separate of those responsibilities of the DDC of Construction. It is proposed that the District Storm Water Program Manager position be a rotational assignment amongst the DDCs of Construction, Design, Maintenance, and Planning.

District Storm Water Coordinator

Under the general direction of the District Storm Water Program Manager, the DSWC is responsible for developing District storm water quality policies and guidance, and daily management of the District's storm water quality program. The DSWC is responsible for identifying issues and developing recommendations related to storm water quality, regulated wastes, and other environmental issues that affect the District. The DSWC supervises staff, which supports and executes activities of the DSWC and the Storm Water Program. The specific storm water tasks for which the DSWC is responsible include the following:

- Provide guidance and direction for the preparation, development, and implementation of a comprehensive District Storm Water Program, as described in the RWP.
- Oversight of activities related to notification procedures for reuse of soil containing lead in accordance with variances issued by the Department of Toxic Substances Control (DTSC).

- Ensure accuracy and adequacy of the storm water workload allocations for each fiscal year.
- Coordinate and track resource distributions, workloads, and projects within the District.
- Assist the District functional units in prioritizing, monitoring, tracking, and evaluating storm water resources, activities, and operations.
- Implement a quality assurance and quality control program for monitoring the activities of the District functional units, in order to ensure that the conditions of the Permit, SWMP, and RWP are implemented properly.
- Provide guidance and direction necessary to develop strategies for addressing regulations and mandates on storm water and waste discharges set forth by federal, state, and local regulatory agencies.
- Work as the primary liaison, “single point of contact,” on storm water and waste discharge issues between the District and Headquarters, the State Water Resources Control Board, the Regional Water Quality Control Boards, U.S. Environmental Protection Agency, and other agencies.
- Represent the District at the Storm Water Advisory Teams (SWATs) identified in the SWMP.
- Monitor and evaluate the storm water activities and procedures of municipalities, developers, and other agencies. Emphasis is appointed to those agencies in the Bay Area that encroach upon or administer projects within the Department’s right-of-way.
- Arbitrate disputes and disagreements on policies, activities, assignments, and responsibilities regarding storm water issues.
- Establishes impartial and equitable decisions that benefit the Department in attaining the objectives of the Storm Water Program.
- Work as leader and chairperson of the District Storm Water Management Committee (SWMC).

Environmental Engineering Coordinator

The Environmental Engineering (EE) Coordinator is responsible for communicating with the DDC of Planning and the EE Office Chief for the proper implementation of the environmental engineering portion of the SWMP and RWP. The EE Coordinator supervises the staff of the water quality branch in the Office of Environmental Engineering (OEE). The EE Coordinator ensures that the staff supports and properly executes the activities defined in the SWMP and

RWP, especially those responsibilities attributed to the EE Coordinator. The specific storm water tasks for which the EE Coordinator is responsible include the following:

- Determination and evaluation of storm water impacts during California Environmental Quality Act and/or National Environmental Policy Act (CEQA/NEPA) screening.
- Evaluation and recommendation of permanent control and treatment measures for addressing project storm water impacts.
- Identification of costs related to water pollution control, non-storm water discharges, and waste management on programming documents.
- Development of new specifications, details, and guidance materials related to non-storm water discharges and waste management.
- Preparation of contract specifications and estimates to address development of Storm Water Pollution Prevention Plans (SWPPPs).
- Preparation of contract plans, specifications, and estimates (PS&E) to address temporary controls for non-storm water discharges and waste management activities.
- Preparation or aid in the preparation of the contract PS&E for inclusion of permanent control measures to improve or minimize water quality impacts.
- Preparation of the report for Notification of Construction.
- Propose, develop, and manage storm water monitoring programs, in coordination with the Headquarters Environmental Program.
- Assistance to the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- Assist in development of training programs, especially that attributed to OEE staff.

The EE coordinator, as a member of the SWMC, is also responsible for compiling and providing to the District Storm Water Coordinator, all EE related input required for the annual report, preparation of RWP and other permit related documents and reports.

Construction Coordinator

Under the general direction of the Division of Construction, the Construction Storm Water Coordinator (CSWC) is responsible for developing storm water quality policies and guidance, and daily management of Construction's storm water quality program. The CSWC is responsible for the proper implementation of the SWMP and the RWP within Construction. The

CSWC supervises staff, which implements the program requirements in the field during the construction phase. The specific tasks for which the CSWC will be responsible include:

- Work as the primary point of contact for storm water issues during the construction phase.
- Develop and administer storm water training for Construction staff.
- Review Storm Water Pollution Prevention Plans (SWPPP).
- Track critical compliance milestones that occur prior to and during the course of construction.
- Conduct final project closeout inspections.
- Submit the Notice of Completions for SWPPP projects
- Submit approved SWPPPs to the RWQCBs as requested.
- Submit reports to the RWQCBs as requested.
- Provide oversight inspections for SWPPP projects.
- Prepare and submit Threat of Discharge reports.
- Prepare and submit Illicit Connection/ Discharge Reports for Construction
- Represent Construction in the District's SWMC Meetings.
- Provide input to the Annual Report.
- Participate on the Construction SWAT defined in the SWMP

The CSWC ensures that all enforcement actions or corrections requested by the Regional Boards are promptly implemented, and documented. The CSWC serves as the primary conduit for information during the construction phase for the RWQCBs, Headquarters Construction, and construction field staff. The CSWC supports the design related functional units in determining specific project needs and evaluation of water pollution control measures in the field.

Maintenance Coordinator

The Maintenance Coordinator is responsible for communicating with the DDC of Maintenance and the Maintenance Operation Team (MOT) regarding the proper implementation of maintenance related sections of the SWMP and RWP. The Maintenance Coordinator reports all storm water related maintenance activities to the SWMC and coordinates storm water training for maintenance staff as well as overseeing inspection of maintenance facilities and operations

relative to Permit compliance. The Maintenance Coordinator is chairperson of the MOT that meets routinely to discuss water quality issues, update the Maintenance portion of the RWP, and compile information for the Annual Reports, as well as the SWMP. The Maintenance Coordinator serves as the conduit for information between the SWMC and maintenance offices, as well as the Headquarters Maintenance Program (esp. Maintenance SWAT identified in the SWMP).

Public Affairs Coordinator

The Public Affairs Coordinator is a member of the SWMC responsible for maintaining an effective public information program as specified in this RWP and any elements of the SWMP that are attributed to the District. The Public Affairs Coordinator is directly responsible for the following:

- Ensure publication of storm water articles within District publications (i.e. newsletters).
- Distribution of the District Storm Water Pamphlet
- Development and distribution of Public Service Announcements regarding storm water.
- Ensuring that storm water information is available at miscellaneous events, such as County fairs and fleet week, for which Department might be a participant.

Right-of-Way Coordinator

The Right of Way Coordinator for the SWMC is currently a District Branch Chief of Property Management. This Coordinator is responsible to:

- Attend all SWMC meetings to report on Right of Way activities.
- Ensure that storm water training is available to Right of Way Agents tasked with property inspection responsibilities.
- Ensure that regular property inspections include storm water inspections.
- Maintain documentation of the inspection findings and corrective actions.
- Prepare a summary of completed storm water property inspections for use in Annual Reports.
- Disseminate information and answer questions regarding Department storm water policy to all Right of Way staff involved in storm water inspections.

- Notify the SWMC and/or the DSWC of discharges or situations that appear to be in gross violation of Department' Permit, SWMP, or RWP.
- Report instances where Right of Way may conduct construction activities that require the development of a SWPPP and related notification.

Engineering Services (Hydraulics) Representative

The Hydraulics Representative (HR) is a member of the SWMC responsible for providing information on permanent control measures, except those related to erosion control, that are being planned, designed, and implemented in projects. The HR is responsible for providing input and review of Annual Reports and RWPs. The HR ensures that the management and staff of the Hydraulics Branch are knowledgeable of the RWP and various water pollution control efforts and commitments for minimizing or preventing pollutants from being present in discharges. The HR ensures that the design processes utilized by the Hydraulics Branch are consistent with the RWP and the SWMP, especially those processes related to the evaluation, selection, and design of permanent control and treatment control measures.

Landscape Architecture Coordinator

The Office of Landscape Architecture (OLA), through its erosion/sediment control branch, facilitates the incorporation of water pollution and erosion control recommendations into the planning, design, and construction of all projects in District 4. The Branch Chief, supervisor, of the erosion/sediment control branch is OLA's Storm Water Coordinator, who is the primary point of contact between the other functional units, SWMC, and the DSWC. The OLA Coordinator provides water pollution control training to Design personnel in coordination with the office of Environmental Engineering and the DSWC. Furthermore, the OLA Coordinator provides field support to Construction, Maintenance, and Permits when requested.

The specific storm water tasks for which the OLA Coordinator is responsible include the following:

- Determination and evaluation of storm water impacts during CEQA/NEPA screening.
- Evaluation and recommendation of permanent control and treatment control measures for addressing project storm water impacts.
- Identification of costs related to water pollution and erosion control on programming documents.
- Develops new specifications, details, and guidance materials related to erosion and sediment control.

- Preparation of contract PS&E to address erosion and sediment controls for projects.
- Preparation or aid in the preparation of the contract PS&E for inclusion of permanent control and treatment control measures to improve or minimize water quality impacts on projects.
- Ensure that reuse locations of soil containing lead in accordance with variances issued by DTSC are not subject to erosion and stabilized as part of project design.
- Assist the District Permits Branch in evaluating water quality impacts and requirements of encroachment permit applications.
- Conduct studies to improve water quality objectives on highway planting projects.
- Assist in development of training programs, especially that attributed to OLA staff.
- Participate in the Design SWAT identified in the SWMP.

The OLA Coordinator acts as the liason with the Headquarters Office of Landscape Architecture to develop, submit, review, and gain approval for all specifications and details related to erosion and sediment control. Furthermore, the OLA Coordinator is the contact for Headquarters' Design Program in the approval or concurrence with specifications related to water pollution control related to erosion and sediment control.

Toll Bridge Program Coordinator

The Toll Bridge Program Coordinator (TBPC) is the supervisor of the Toll Bridge Environmental Engineering (TBEE) unit, which provides services exclusively to the Toll Bridge Program. The Toll Bridge Program is responsible for numerous projects related to the retrofit or replacement of the Department's six Bay Area toll bridges. As a result, the TBPC has the same responsibilities as those described for the Environmental Engineering Coordinator, but these responsibilities are reserved exclusively for the Toll Bridge Program.

Permits Coordinator

The Permits Coordinator is a member of the SWMC responsible for ensuring that the District Office of Permits is in compliance with the Permit, SWMP, and RWP. The Office of Permits is responsible for issuing permits to local agencies, utility companies, and others (i.e. film production companies, marathon sponsors, etc.) that desire to encroach into the Department's right-of-way for conducting construction, maintenance, or other activities consistent with their organization. The Permits Coordinator ensures that all permits issued to those encroaching into the Department's right of way are in compliance the Permit, in a manner that is consistent with that required of Maintenance, Construction, and Design.

In compliance with Permit Section M.10.b, the positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
Storm Water Program Manager	All District Documents
Storm Water Coordinator	All District Documents except Regional Workplan
Toll Bridge Coordinator	Notification of Construction (NOC)
Construction Coordinator	SWPPP, Notice of Completion of Construction (NCC), Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification
Maintenance Coordinators, Managers, Office Chief, and HazMat Manager (See Section 4.1 of RWP)	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge, and Facility Pollution Prevention Plans
Permit Coordinator	Report of Illicit Connection/Discharge
Environmental Coordinator / Environmental Engineering Office Chief	Notice of Soil Reuse with Aerially Deposited Lead (ADL) Notification of Construction, Notice of Construction Completion
Resident Engineers	SWPPPs, Notice and Report of Non-Compliance, and Discharge or Threat of Discharge Notification
Right-of-Way Coordinator	SWPPPs, Notice of Completion, Notice and Report of Non-Compliance, and Discharge or Threat of Discharge Notification
Facility Supervisor	Facility Pollution Prevention Plans

SECTION THREE

REGIONAL WORK PLANS

3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 4 major roads and highways and the District boundaries within the SFBRWQCB are presented on Figure A-7 and Figure A-8 respectively.

TABLE 3-1: DISTRICT 4 FACILITIES

CO	Route	PM	Name	Comments
Maintenance Stations				
	280	3.6	Alemany/Specialty Region	Special Crews
ALA		0.0	Oakland	District 4 Office
ALA	880	28.7	Oakland	Special Crews, Elec./Signs Central/Buttons ½
ALA	880		San Leandro	Special Crews, 600 Lewelling Blvd., San Leandro
ALA	580	38.9	Seminary	Landscape Maintenance, 6220 Seminary, Oakland, 94605-1852
ALA	880	20.0	East Bay Region	Highway Maintenance, 245 Mowry Rd. Fremont, 94536 (Maintenance)
ALA	84	10.2	Fremont	Highway Maintenance, 245 Mowry Rd. Fremont, 94536 (Maintenance)
ALA	84		Dumbarton	Highway Maintenance, 9825 Thorton Ave, Fremont
ALA	92		San Mateo	Highway Maintenance, 5500 West Jackson, Hayward
ALA	580	28.9	Hayward	Highway Maintenance, 21145 Center St., Castro Valley
ALA	580	13.1	Livermore	Highway Maintenance, 2153 South Front Rd. Livermore 94550
ALA	80	2.0	Toll Bridge Region	Special Crews, SFOBB Toll Plaza, Oakland
ALA	24	5.7	Caldecott Tunnel	Special Crews, West Portal and Caldecott , Oakland

CO	Route	PM	Name	Comments
ALA	580	35.7	106 th Street	Special Crews, 106 th Ave, Oakland
ALA	580	41.6	14 th Avenue (closed)	Special Crews
ALA	80	2.0	East Bay Paint	Special Crews
ALA	580	44.5	Kempton (closed)	Special Crews
ALA	880	28.7	Oakland	Special Crews, 1112-29 th Ave. Oakland 94601
ALA	880		Shop 4	Special Crews, 1933 Marina Blvd., San Leandro
ALA	260	2.0	Posey Tube	Special Crews, 415 Harrison St. Oakland 94607-4118
ALA	260		Webster Tube	Special Crews, 415 Harrison St. Oakland 94607-4118
ALA	24	3.1	Telegraph	Landscape Maintenance, 3605 Telegraph Ave. 94609-2426
CC	680	0.2	Alcosta	Landscape Maintenance, 21300 San Ramon Valley Blvd. San Ramon 94583
CC	4	1.0	Hercules	Landscape Maintenance, 1369 Willow Road, Hercules
CC	680	6.7	Sycamore Valley Road	Landscape Maintenance, Danville
CC	680	15.6	Walnut Creek-West	Landscape Maintenance, 2581 North Main St. Walnut Creek 94596
CC	4	28.9	Antioch	Highway Maintenance, 2817 Windsor Drive, Antioch, 94509-5054
CC	680	15.6	Walnut Creek-East	Highway Maintenance, 2616 North Main Street, Walnut Creek 94596-2713
CC	680	0.1	Scott Creek Road (closed)	Satellite
SCL	101	10.3	Gilroy	Highway Maintenance
MRN	1	0.1	Manzanita	Highway Maintenance, 40 Shoreline Hwy, Mill Valley

CO	Route	PM	Name	Comments
MRN	101	3.0	North Bay Region	Highway Maintenance
MRN	1	28.2	Point Reyes	Highway Maintenance, 10795 Hwy 1, Point Reyes
MRN	580	6.1	Richmond & San Rafael Br.	Special Crews, Maintenance Toll Plaza
MRN	580		San Rafael Paint	Special Crews, West End of Bridge, at San Quentin, San Rafael
NAP	29	37.4	Calistoga	Highway Maintenance, 1413 Tubbs Lane, Calistoga
NAP	29	12.0	Napa	Highway Maintenance, 3161 Jefferson St., Napa
NAP	29	43.6	Mount Saint Helena	Salt and Sand Storage
SCL	680	7.5	Milpitas	Landscape Maintenance, 115 Dempsey Rd., Milpitas
SCL	85	17.5	Cupertino	Highway Maintenance, 10130 Bubb Rd, Cupertino
SCL	880	4.3	San Jose	Highway Maintenance, 500 Queens Lane, San Jose
SCL	101	49.0	Middlefield Road	Special Crews, 1770 Old Middlefield Rd., Mountain View
SCL	101		Gilroy	Special Crews, 11155 Noname Uno Ave., Gilroy
SCL	280	0.0	Page Mill Road, Electrical	Special Crews, 2350 Page Mill Road, Los Altos
SCL	17	7.1	Los Gatos	Satellite
SF	101	4.1	San Francisco	Highway Maintenance, 110 Rickard Street San Francisco 94134-1260
SF	280		San Francisco	Specialty Region, 30 Rickard St., San Francisco
SF	80	5.4	West Bay Paint	Special Crews, 434 Main St., SF
SM	280	17.9	Millbrae	Landscape Maintenance, Sawyer Camp Trail Hillcrest, Millbrae 94030
SM	101	4.6	Redwood City	Landscape Maintenance, 2501 East Bayshore Blvd., Redwood City

CO	Route	PM	Name	Comments
SM	1	26.9	Half Moon Bay	Highway Maintenance, 2003 Cabrillo Hwy., Half Moon Bay, 94019
SM		000.0	South San Francisco	Highway Maintenance, 296 Airport Blvd. So. San Francisco 94101
SM	92	13.6	West Bay Region See So. SF; HMB; Foster City	Highway Maintenance, 380 Foster City Blvd., Foster City
SM	280	4.6	Woodside	Highway Maintenance, 5055 Farmhill Blvd., Woodside
SM	92	2.6	San Mateo/Hayward/Dmbtn	Special Crews, 9825 Thorton Ave. Fmnt. 5500 West Jackson, Hayward 94545-3616
SM	92	14.5	San Mateo Paint	Special Crews, West end of Bridge, Pier #1, Foster City
SM	280	22.7	Westborough (closed)	Special Crews, Junipers Serra & Westborough Blvd., Daily City
SM	35	10.0	Skylonda (closed)	Satellite
SOL	80	17.2	Fairfield	Landscape Maintenance, 2019 West Texas St., Fairfield 94533
SOL	80	0.70	Carquinez/Benicia/Antioch Bridge	Highway Maintenance
SOL	80	39.8	Dixon	Highway Maintenance, 8628 Sparling Lane, Dixon
SOL	12	26.0	Rio Vista	Highway Maintenance, 480 Highway 12, Rio Vista 94571
SOL	37	9.8	Vallejo	Highway Maintenance, 1700 Sears Point Rd., Vallejo
SOL	680		Benicia Bridge	Special Crews, Toll Plaza, Benicia
SOL	680		Tri-Bridges (under construction)	Special Crews, 100 Industrial Way, Benicia
SOL	780	2.2	Benicia	Special Crews, 1700 E. 2 nd St., Benicia 94510
SON	101	20.6	Santa Rosa	Landscape Maintenance, 224 Lincoln, Santa Rosa
SON	1	12.1	Bodega Bay (closed)	Highway Maintenance
SON	1	35.3	Fort Ross	Highway Maintenance, Jenner, Ca.

CO	Route	PM	Name	Comments
SON	101	43.0	Geyserville	Highway Maintenance, 21979 Geyserville Ave, Geyserville
SON	12	9.9	Sebastopol	Highway Maintenance, 5611 Sebastopol Rd., Sebastopol
SON	101	3.0	South Petaluma	Special Crews, 1485 South Petaluma Blvd., Petaluma
SON	101		Petaluma	Special Crews, 611 Payran St., Petaluma
SON	116		Shellville	Special Crews, Jct. 12/116, Shellville
Vista Points				
SM	280	7.6		Vista Point
SM	280	8.4	Edgewood & Route 92	Vista Point
SM	280	9.4	Edgewood & Route 92	Vista Point
	35	4.5		Vista Point
SM	35	14.3	Skaggs Point	Vista Point
SM	35	23.0	Jct. 35/92	Vista Point
MRN	1	6.1		Vista Point
MRN	1	7.1	Muir Beach Overlook	Vista Point
MRN	101	0.1	Golden Gate Vista Point	Vista Point
SCL	35	14.1		Vista Point
NAP	29	6.6		Vista Point
Commercial Vehicle Enforcement Facilities				
SOL	80	14.4	Cordelia	Westbound (WB)
SOL	80	14.2	Cordelia	Eastbound (EB)
MRN	101	15.2	St. Vincents	Southbound (SB)
MRN	101	14.1	Terra Linda	Northbound (NB)
SCL	101	8.8	Gilroy	Southbound (SB)

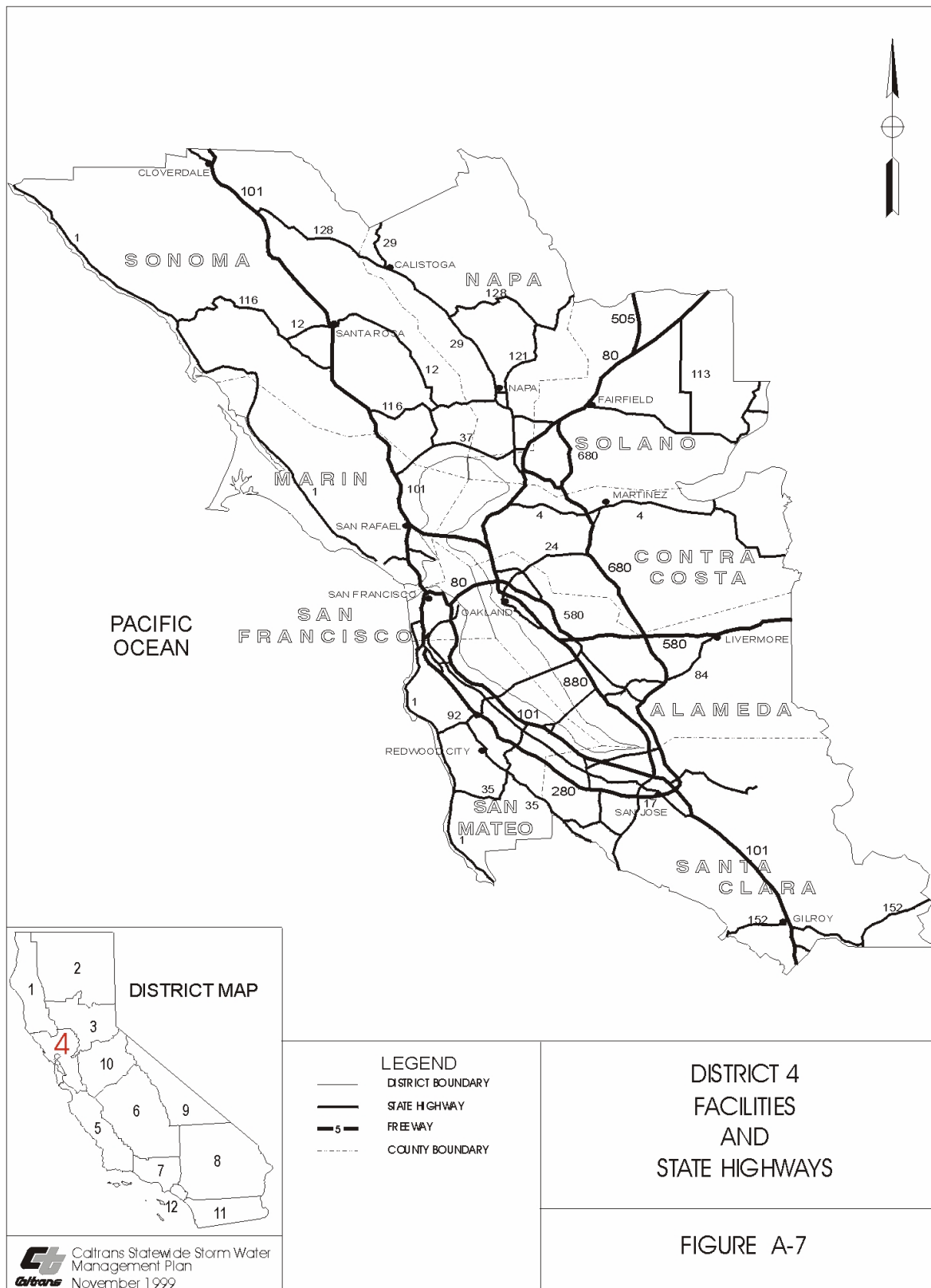
CO	Route	PM	Name	Comments
ALA	580	R8.9	Livermore	WB
ALA	580	R9.2	Livermore	EB
ALA	680	R8.7	Mission Grade	NB
CC	680	16.0	Walnut Creek	SB
CC	680	15.9	Walnut Creek	NB
ALA	880	3.7	Nimitz	SB
ALA	880	4.2	Nimitz	NB
Roadside Rest Areas				
SM	280	R13.5	Crystal Springs	Near Crystal Springs Reservoir
SOL	80	6.7	Hunter Hill	7 mi. E of Vallejo
MRN	101	0.3	Dana Bowers	Northbound 101
Park and Ride Facilities				
CC	24	1.2	Orinda	SW corner Gateway Blvd IC
ALA	580	41.4	Fruitvale	Fruitvale Avenue IC in Oakland
MAR	101	4.1	Manzanita	Route 1 IC in Marin City
SM	1	41.0	Pacifica	NE corner Linda Mar Blvd & Route 1
SCL	280	18.4	Page Mill	SE corner Page Mill Road IC near Los Altos Hills
SON	116	35.0	Petaluma	SW corner Route 101 Interchange
SON	101	12.7	Cotati	SE corner of Route 116 IC
MRN	101	22.0	Novato	E side Atherton Avenue Interchange
SM	280	3.3	Woodside	SW corner Woodside Road Interchange
MAR	101	14.7	Lucas Valley	SE corner of Lucas Valley IC
CC	80	10.7	Willow	Willow Ave IC NW & SE corners

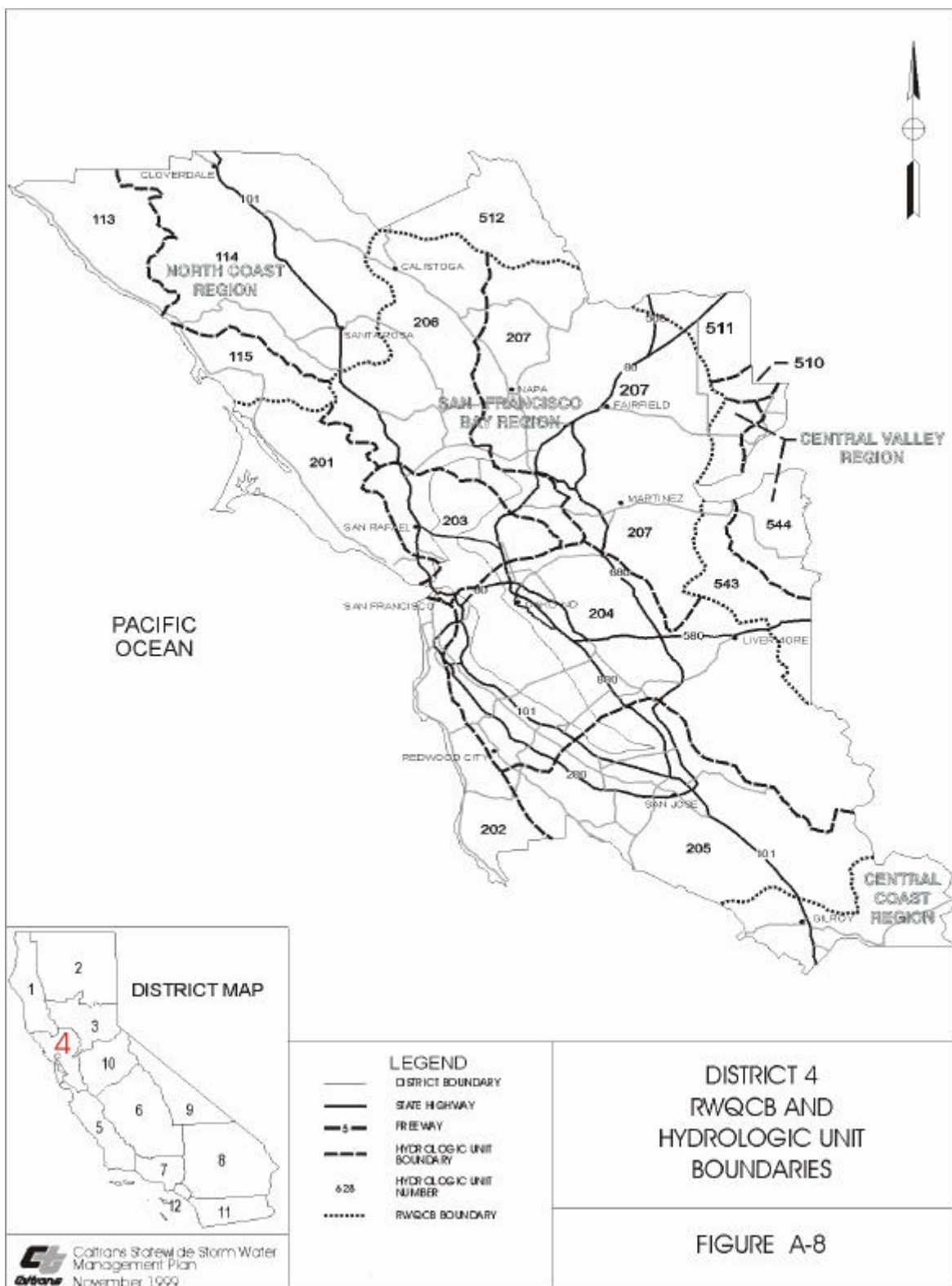
CO	Route	PM	Name	Comments
CC	4	11.1	Pacheco	NE corner Pacheco Blvd & Blum Rd
SON	121	6.7	Schellville	SE corner IC @ Rte. 116
MAR	101	5.4	Seminary	NW & SE corners Seminary Dr in Mill Valley
MAR	101	1.5	Spencer	NW corner Spencer Ave near Sausalito
SM	92	7.9	Ralston	SE corner Ralston Ave IC in Belmont
SOL	80	2.2	Lemon St.	Lemon St. & Curtola Pkwy.
CC	80	13.5	Crockett	NW corner San Pablo Ave in Crockett
MAR	101	16.6	Alameda Del Prado	SW corner of Alameda Del Prado in Novato
MAR	37	13.8	Black Pt/Atherton	NW corner Atherton Ave IC near Black Point
SON	12	16.3	Maple Avenue	Maple Ave (Brookwood) S. Rosa
SM	101	13.5	3rd Ave-San Mateo	NE corner 3rd Ave in San Mateo
MAR	101	12.2	Lincoln Ave.	W side Lincoln Ave IC in San Rafael
ALA	84	R3.0	Dumbarton	Route 84 & Ardenwood
SM	1	41.2	Crespi Drive	SE corner Crespi Dr & Route 1
ALA	680	6.4	Mission Blvd.	IC of Route 238 near Mission Blvd. in Fremont
ALA	580	30.7	John Drive	John Drive in Castro Valley
CC	80	6.0	Hilltop	NE corner Hilltop Dr. IC in Richmond
SM	280	6.7	Edgewood	NE corner Edgewood Road N of Woodside
ALA	580	13.2	Livermore	1624 Portola Ave in Livermore

CO	Route	PM	Name	Comments
CC	680	12.6	Rudgear	SE corner Rudgear Road IC in Walnut Creek
NAPA	29	10.3	Imola	NW side Route 29-Imola Ave W/GG in Napa
SON	101	2.9	Petaluma	SE corner S Petaluma Blvd. in Petaluma
ALA	580	29.0	Castro Valley	SE corner @ Center St. in Castro Valley
CC	242	0.9	Willow Pass	NE corner Willow Pass Road I/C in Concord
MAR	101	10.8	Hetherton	4th & Hetherton in San Rafael
SM	101	11.9	San Mateo	Route 92 (under SE overcrossing) San Mateo
SON	101	13.9	Rohnert Park Expressway	SW corner Rohnert Park Expressway in Rohnert Park.
SM	280	14.2	Hayne Road	SW corner Hayne Road IC near Redwood City
MAR	101		Rowland Blvd	Rowland Blvd in Novato
SOL	80	12.8	Green Valley Rd.	Green Valley Rd. IC NW in Cordelia
SOL	80	17.7	Magellan Rd.	Magellan Rd. IC with I-80
SOL	80	25.3	Mason St.	Mason St. Peabody Rd in Vacaville
SOL	80	2.6	Benicia Rd.	NE corner Benicia Rd. IC in Vallejo
SOL	80	1.8	Magazine St.	IC NW corner in Vallejo
SOL	12		Suisun City	Main and Florida
SOL	780	2.0	E. 2 nd St	NE corner, Benicia
SON	101	2.9	S. Petaluma Blvd.	SE corner IC
ALA	13	14.0	Folger St.	I-80 27th St.

CO	Route	PM	Name	Comments
Toll Road and Bridge Plazas				
ALA	80	1.99	SF-OAK Bay Bridge	San Francisco- Oakland Bay Bridge
SOL	80	0.46	Carquinez	Carquinez Bridge
ALA	84	3.18	Dumbarton	Dumbarton Bridge
ALA	92	2.57	San Mateo/Hayward	San Mateo- Hayward Bridge
CC	160	0.69	Antioch	Antioch Bridge
MAR	580	6.13	Richmond/San Rafael	Richmond - San Rafael Bridge
SOL	680	0.60	Benicia/Martinez	Benicia - Martinez Bridge

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>





SECTION **FOUR**

REGIONAL WORK PLANS

4.0 HIGH RISK AREAS

A list of high risk areas within District 4 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the high-risk list based on discussion between the Regional Water Quality Control Board (RWQCB) and Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities, the Department first contacted known public and private water supply providers. From the information received, the Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and the Department's facility, use characteristics of the facility, and the probable spill response time.

The Department will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment/ Facility	County	High Risk Area	Description	Comments
Route 128	Napa County	Lake Berryessa	Lake Berryessa is used as a domestic water supply.	The tight curves and steep grades along this section of Route 128 deters truck traffic resulting in a reduced exposure to hazardous spills.
Route 128	Napa County	Lake Hennessey	Lake Hennessey is utilized as a water supply.	Light truck traffic and slower speeds due to the alignment and grade of this section of Route 128 reduces the likelihood of hazardous spills.
Route 35	San Francisco County	Lake Merced	Adjacent to Route 35 in the City of San Francisco, Lake Merced is primarily used as a recreational area. It also serves as an emergency source for drinking water.	Storm water from Route 35 currently discharges directly to the lake via a series of down-drains.
Route 280	San Mateo County	Lower Crystal Springs Reservoir	Route 280 in San Mateo County crosses through a watershed that drains to both upper and lower Crystal Springs Reservoirs.	In order to preserve the quality of the reservoirs, it was necessary to develop a system that allows clean, natural runoff to drain to the reservoirs while freeway runoff was directed into a series of seven turbidity ponds.
Route 92	San Mateo County	Upper Crystal Springs Reservoir	Route 92 bisects the Upper Crystal Springs Reservoir from the Lower one. These reservoirs supply the San Francisco Water Department with water for domestic use.	A proposed safety project to widen and realign Route 92 in San Mateo County from Crystal Springs Reservoir to Route 35 will incorporate spill prevention and containment techniques. This Route acts as the main access to coastal communities and, as such, experiences heavy truck traffic.

Road Segment/ Facility	County	High Risk Area	Description	Comments
Route 24	Contra Costa County	San Pablo Reservoir	San Pablo Reservoir in the East Bay lies between Orinda and El Sobrante off San Pablo Dam Road. Reservoir is located at an elevation of 314 feet in the Berkeley hills. It has 860 surface acres. At San Pablo reservoir visitors can fish, picnic, hike or just relax in beautiful settings.	Runoff from Route 24 in Orinda discharges directly to San Pablo Creek which empties into San Pablo Reservoir. The light truck traffic and relatively straight horizontal alignment at this location reduces the likelihood of spills.
Route 24	Alameda County	Lake Temescal	Lake Temescal lies adjacent to Route 24 in the City of Oakland. Although the lake primarily serves as a recreational area, it may be utilized as an emergency water supply.	No comments.
SR 17, PM 18-18.6	Santa Clara County	Lexington Reservoir	Reservoir is municipal water supply source for approximately 10,000 residents in the towns of Saratoga and Los Gatos. Route 17 parallels Lexington Reservoir, which is located approximately three miles south of the Town of Los Gatos.	The lack of industrial facilities along this section of highway as well as the constrained horizontal and vertical geometry of the highway discourages heavy truck traffic. Trucks using Route 17 are most likely serving the nearby Santa Cruz and San Lorenzo Valley areas.
Routes 17 & 85	Santa Clara County	Percolation Facilities	Several Santa Clara Valley Water District (SCVWD) percolation ponds lie along Los Gatos Creek adjacent to Route 17 and the Route 17/85 Interchange in Campbell. The water source for most of these ponds is Los Gatos Creek.	While runoff from the Route 17/85 Interchange does not discharge to the nearby ponds, SCVWD is concerned that off-roadway accidents in which vehicles or trucks run down embankments could occur, thereby jeopardizing the ponds.
Route 101	Santa Clara County	Madrone Channel	This channel, near Morgan Hill, parallels Route 101 from Half Road to Llagas Creek, providing necessary flows for SCVWD groundwater recharge facilities. The source of flow within this channel is Anderson Reservoir via the Coyote-Madrone Pipeline.	No comments.

SECTION **FIVE**

REGIONAL WORK PLANS

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided each April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP;”
- The project affects a 303(d) listed water body within the project limits, designated as “303d;”
- The project requires a 401 Water Quality Certification or Waiver, designated as “401;”
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Department) designated as “SEP;”
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro;”
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT;”
- The project limits are with a “High Risk Area,” designated as “HR;” and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 4 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category*	EA #	Co.	Rte	BK PM	AH PM	Description	Water Bodies Impacted By Project	Criteria**	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Environmental Evaluation	Project Dev. (PA&ED)-Final EIS/EIR	Final Design PS&E Permit & Mitigation	Start Date	Completion Date
1	C	0C350	SON	1	16.1	19.7	Replace Asphalt Concrete (Capm)	Russian River, Furlong Gulch	303d	10/22/97	10/22/97	11/1/01	5/1/02	10/1/02
2	D	0S430	SON	1	26.4	26.8	Repair Slip Out		401	6/30/97	12/13/00	2/28/01		10/1/02
3	B	12965	SON	101	13.9	15.3	Widen From 4 To 6 Lanes For Hov &		SWPPP	7/30/91	7/1/02	7/1/04	4/1/05	5/1/08
4	B	13020	SON	12	17.3	17.7	Modify The Farmers Lane I/C Rt. 12, Santa Rosa (Oversight Job)	Matanzas Creek	SWPPP	10/16/89	8/30/01	12/1/01	6/1/02	12/1/03
5	D	1328U	SON	101	14.9	19.7	Wdn To 6 Lns For Hov, Aux Ln, Sndwl	North Branch Laguna De Santa Rosa Flood Channel	SWPPP/401	3/1/98	4/14/00	4/13/00	1/1/01	7/1/03
6	D	1S250	SON	1	24.6	25.7	Repair Storm Damage	Russian River Gulch	SWPPP/ 303d/ 401	5/1/98	2/2/01	3/5/01		8/1/03
7	B	1S300	SON	1	9.7	10	Repair Storm Damage	Bodega Bay	SWPPP	5/1/98	10/1/01	3/1/02	11/1/02	9/1/04
8	B	20990	SON	128	17.1	24.7	Roadway Rehabilitation		SWPPP/401	10/1/99	4/1/02	8/1/03	4/1/04	7/1/06
9	C	21992	SON	101	30.2	31.3	Construct I/C Phase-2	Sotoyome Creek	SWPPP/401	4/28/89	7/25/95	12/1/01	7/1/03	12/1/04
10	B	24540	SON	101	19.5	21.6	Widen Freeway To 6 Lanes, Construct		SWPPP/401	10/10/97	7/1/02	12/1/03	10/1/04	11/1/07

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 4 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

No.	SWMP Category*	EA #	Co.	Rte	BK PM	AH PM	Description	Water Bodies Impacted By Project	Criteria**	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Environmental Evaluation	Project Dev. (PA&ED)-Final EIS/EIR	Final Design PS&E Permit & Mitigation	Start Date	Completion Date
11	B	26390	SON	101	21.8	22	Modify Interchange		SWPPP/ 401	11/3/99	7/1/02	12/1/03	10/1/04	11/1/07
12	B	2724U	SON	12	17.7	19.7	Widen To 6 Lns For Hov, Sound walls Wilfred I/C Rte. 12		SWPPP		4/14/00	4/13/00	3/16/01	7/1/03
13	D	0A100	SON	101	21.7	29.6	Widening & Improvements From Steel Ln To Windsor		SWPPP	12/1/01	7/1/06	3/1/08	1/1/09	9/1/10

* SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,

(A) Beginning of Project Development Process prior to approval of the PSR

(B) PSR approved but Environmental Documents are not final

(C) Environmental documents final

(D) Environmental documents final, design complete and project in the construction phase of project delivery

** Criteria

SWPPP = Greater than 5 acres of land disturbance

303d = 303 (d) listed water body within project limits and affected by project

401 = 401 Certification/Waiver required

SEP = Supplemental Environmental Project

Retro = Storm Water Retrofit Project (SWMP 4.4.2)

LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

HR = Project limits within High Risk Area

RB = RWQCB designated project as a potential threat to water quality

SECTION FIVE

Regional Work Plans

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
SON	1	24.5	clean channel to beach	Russian Gulch Creek	401	July 2002	October 2002
SON	101	26.1	clean channel		401	?	Fall 2002
SON	101	29.5	clean vegetation		401	?	Fall 2002
SON	116	1.63	clean channel		401	?	Fall 2002
Maintenance Facility and Activity Inspections							
All Maintenance Facilities within District 4 will be scheduled for annual inspection by the District Maintenance Storm Water Coordinator. These inspections will be used to ensure that BMPs are consistent with those described in each Facility Pollution Prevention Plan (FPPP). Also, the inspections will be used to evaluate the effectiveness of the BMPs and to recommend any needed changes to the BMPs or the FPPP, which are to be identified in the RWP for next year.							
The District Storm Water Coordinator will identify and schedule an inspection of all temporary waste locations to ensure that BMPs are implemented and to evaluate the adequacy of the BMPs in place. The inspections will be used to outline any recommended actions or modifications to the sites or the BMPs, which are to be identified in the RWP for next year.							
Maintenance Facility BMP Improvements							
Inspections described above must be conducted before identifying any improvements. The Regional Work Plan for next year will identify any improvements to be recommended.							
Maintenance BMP Actions/Modifications							
Inspections described above must be conducted before identifying any actions or modifications. The Regional Work Plan for next year will identify any improvements to be recommended.							

SECTION FIVE

Regional Work Plans

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Vegetation Management and Vegetated Slope Management				
<p>The District 4 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> • Type of chemical to be applied and form (dry or liquid) • Application locations, lengths, widths, total area, rates, frequency, total amount • Reason for application • Mowing program <p>Districts will provide the VCP for FY 02/03 to the RWQCB by May 15, 2002.</p>				
<p>The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.</p>				

- (1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.

(2) Criteria

- 303d = 303 (d) listed water body with project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated projects as a potential threat to water quality

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities	
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 001/002. The sites identified for monitoring in District 4 are as follows:	
LOCATION	3 YR SW ACTION PLAN SUPPORTING STUDY
Alameda County, Route 580 W	Highway Runoff Characterization Study
Contra Costa County, Route 680 N	Highway Runoff Characterization Study
Solano County, Route 680 S	Highway Runoff Characterization Study
Solano County, Route 80, Lemon Street North Park and Ride	Park and Ride Lot Characterization Study
Contra Costa County, Route 80, Willow Ave. East Park and Ride	Park and Ride Lot Characterization Study
Walnut Creek East Maintenance Station	Maintenance Station Characterization Study
Construction Compliance Monitoring Program	
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.	
The Construction Storm Water Coordinator will conduct a review of at least 20% of all projects that are required to have a SWPPP.	
The Construction Storm Water Coordinator and the District Storm Water Coordinator will conduct a formal review of each construction site associated with the retrofit or reconstruction of a toll bridge to ensure compliance with the Permit and adequate implementation of BMPs. The reviews will be completed during the period of September 1, 2002 to November 1, 2002.	
Training and Public Outreach	
Storm water staff intends to provide training on storm water processes for design staff. Approximately 4 training events are planned. Similar events will be planned for outreach to each of the transportation authorities (i.e. Contra Costa Transportation Authority), which commonly plan and design projects for construction within the Caltrans right-of-way. A reduced version of the training will be provided as a presentation at a Project Engineer Meeting during Summer 2002.	
The Division of Construction intends to repeat the introductory Storm Water Training for staff that need "refresher" training and any new staff. The need is unknown at this time, but the number of training events is assumed to be no greater than that held during the Fall of 2001. Additional training that specifically addresses responsibilities of Resident Engineers will be equivalent to the same training provided during the Fall of 2001. The class for Resident Engineers will be mandatory for those that did not attend the previous year and optional to those that did attend the previous training. All training will be made available to staff at the Transportation Authorities that have construction contracts within the State right-of-way.	

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

<p>The Division of Maintenance intends to provide "Storm Water Pollution Prevention" training to all maintenance employees. The training program is executed through the following four venues:</p> <ul style="list-style-type: none"> • Annual Awareness Training • BMP tailgate meetings with crews every 10 working days • Facility Inspections to verify compliance - review with crew and supervisors • Operational BMP inspections to verify compliance - review with crew and supervisors <p>Verification of all Annual Awareness Training is accomplished through the use of training forms and/or a sign in sheet. A test that consists of 10 questions is completed to verify the effectiveness of the Annual Awareness Training.</p>
<p>The District will develop a minimum of two articles per year for addressing storm water news and issues for publication in the District newsletter, <i>Fourword</i>. This newsletter is published periodically (typically on a quarterly basis) and distributed to all district employees.</p> <p>Additionally, the articles will be made available for use in project newsletters such as, <i>Cypress Local Link</i> and <i>Carquinez Connection</i>, when these opportunities exist. Regional residents and businesses identified on project mailing lists receive these publications. All project newsletters are available at the District and project Public Information Offices.</p>
<p>The District developed a Storm Water Pollution Prevention pamphlet approximately five years ago as apart of the District's previous storm water permit obligation. This pamphlet contains a variety of useful facts and information regarding storm water, the pamphlet provides advice to motorists on properly maintaining their vehicles, disposing of used vehicle fluids, and the advantages of alternative transportation modes. The Storm Water Pollution Prevention pamphlet will be available to the public at the District Office and any field Public Information Offices.</p>
<p>Municipal Coordination</p>
<p>The District Storm Water Coordinator will meet with the other permitted municipalities at a minimum of one time during the reporting period. The attendance of the Coordinator or associated staff at county organized meetings (i.e. Alameda Clean Runoff Program) where the permittees are represented will constitute fulfillment of this goal. The Coordinator will bring to the attention the municipalities any illicit discharges or connections that have been discovered within the Caltrans right-of-way that are associated with a municipality's jurisdiction. This may also be accomplished by sending written correspondence to the municipality. The Coordinator will also discuss possible opportunities to participate in public outreach programs that are sponsored by the municipalities.</p>
<p>The District Storm Water Coordinator will make contact with entities that commonly conduct work within the right-of-way. During the period of this RWP, the Coordinator will seek to obtain agreement with Pacific Gas and Electric (PG&E), Pacific Bell, and the East Bay Municipal Utility District (EBMUD) that these entities will conduct their operations in a manner that properly utilizes BMPs for storm water quality.</p>